

REMARKS

This Amendment is in response to the Office Action dated July 15, 2004. Claims 1-10 are pending. Claims 1-4 and 10 are rejected. Claims 5-9 are objected to. Claim 5 has been amended. Claims 1-4 and 10 have been canceled. Accordingly, claims 5-9 remain pending in the present application.

Applicant includes a Petition for Extension of Time to extend the deadline for filing a response by three (3) months from October 15, 2004 to January 15, 2005. Because the due date of January 15, 2005 falls on a Saturday, and because January 16, 2005 is a Sunday and January 17, 2005 is a federal holiday, the due date is extended to Tuesday, January 18, 2005.

Drawings

The Examiner states,

The drawings are objected to because all elements of each drawing figure are suggested to be labeled (see Fig. 1, block 17 and Fig. 3, block 37). Corrected drawing sheets are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended". If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheet(s) may be necessary to show the renumbering of the remaining figures. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Figures 1 and 3 have been corrected in accordance with the Examiner's suggestions.

Claim Objections

The Examiner states,

Claims 5-9 are objected to because of the following informalities. In claim 5, line 23, the

word "samplers" is suggested to be changed to "sampler." Appropriate correct is required.

Claim 5 has been amended in accordance with the Examiner's suggestion.

Allowable Subject Matter

The Examiner states,

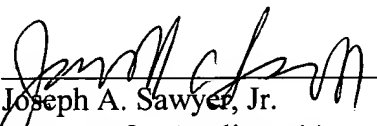
5. Claims 5-9 are allowable over prior art because related references do not disclose a phase detector comprising a sampling clock generator which generates an oversampling clock rate compared to the data rate of the input signal; a first sampler which sampled data values; a second sampler with samples edges between the data values; and detecting a phase error based on the two sets of samples, wherein the phase error is used to control the sampling clock generator.

Claims 5-9 are now in allowable form. Applicant respectfully requests reconsideration and allowance of the claims as now presented.

Applicants' attorney believes this application in condition for allowance. Should any unresolved issues remain, Examiner is invited to call Applicants' attorney at the telephone number indicated below.

Respectfully submitted,
SAWYER LAW GROUP LLP

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Joseph A. Sawyer, Jr.
Attorney for Applicant(s)
Reg. No. 30,801
(650) 493-4540

Amendments to the Drawings:

The attached sheets of drawings (2) include changes to Figures 1 and 3. These replacement sheets replace the original sheets including Figures 1 and 3.

Attachment: Replacement Sheets (2)